



Inertial Confinement Fusion Related Laser and Plasma Sources and Technology

10-DAY INTENSIVE PROGRAMME

13 - 23 July 2026 | ELI Beamlines Facility | Czech Republic

The **Summer School on ICF Related Laser and Plasma Sources and Technology** is an intensive programme organized by **LaserFusion project**. It is designed for MSc, PhD or senior BSc students from the consortium partner institutions who are interested in cutting-edge laser and plasma technologies for Inertial Fusion Energy (IFE).

The school focuses on the physics and technology of high-power laser drivers, their beam properties, and the challenges of transporting and delivering laser energy to fusion targets. Participants will gain insight into state-of-the-art laser systems, optical components, target technologies, and experimental infrastructure.

The program combines expert lectures with hands-on activities, facility tours, and interactive sessions, providing both theoretical background and practical experience in a world-leading laser research environment.

<https://indico.eli-laser.eu/e/LaserFusionSchool>



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Innovative Education & Training in Laser Inertial Fusion Energy

<https://laserfusion.hmu.gr>

Associated Research Program



The Erasmus+ LaserFusion project aligns strategically with the research roadmap of the HiPER+ program (www.laserfusion.eu)